NITFS
Compliance Registration

Product: AGP 1A/ISP

Sponsor: Lockheed Martin Integrated Systems and Solutions

Developer: Lockheed Martin Integrated Systems and Solutions

Date: 27 Mar 2009
Expiration: 26 Mar 2011
Registration #: 2065

☑ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☑ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

Complexity Level

NITF 2.1 CLEVEL

	3	5	6	7
Interpret				
Generate				

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

NITFS Features Implemented:

Format
NITF
○ ● 2.1
○ ○ 2.0
○   1.1
NSIF
○ ○ 1.0

Pixel Value Types
○ ○ Boolean
○ ● Integer
○ ○ Signed Integer *
○ ○ IEEE Real *
○ ○ IEEE Complex *

Annotation Segment Types
○ ○ Bit Mapped **
○ ○ CGM, 2301
○ ○ CGM, 2301A
○ ○ Labels **

Text Segments
○ ○ STA
○ ○ UT1
○ ○ U8S
○ ○ MTF

Image Segment Types
○ ● MONO
○ ● RGB
○ ● RGB/LUT
○ ○ YCbCr
○ ○ MULTI
○ ○ NODISPLY
○ ○ POLAR

Image Compression
○ ○ JPEG Lossy, 8-bit
○ ○ JPEG Lossy, 12-bit
○ ○ JPEG Downsample
○ ○ JPEG Lossless
○ ○ JPEG 2000
○ ○ Bi-Level
○ ○ Vector Quantization
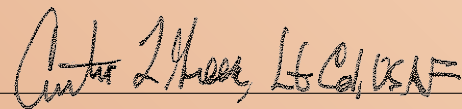○ ○ Multispectral JPEG, Individual Band

Data Extension Segments
○ ○ TRE_OVERFLOW
○ ○ STREAMING_FILE_HEADER
○ ○ Controlled Extensions **
○ ○ Registered Extensions **

Tagged Record Extensions
○ ◉ NSDE
○ ● ICHIPB
○ ● HISTOA
○ ● TXML1A

Legend
Interpret
Generate
● ● Fully implemented
◉ ○ Partially implemented
○ ○ Not implemented

CURTIS L. GREEN, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.